



भारत का राजपत्र

The Gazette of India

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सं० 39] नई दिल्ली, शनिवार, सितम्बर 30, 1995 (आश्विन 8, 1917)
No. 39] NEW DELHI, SATURDAY, SEPTEMBER 30, 1995 (ASVINA 8, 1917)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2 [PART III—SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
[Notifications and Notices Issued by the Patent Office relating to Patents and Designs]

THE PATENT OFFICE PATENTS AND DESIGNS

Calcutta, the 30th September 1995

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1-267GI/95

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पेटेंट कार्यालय

एकस्य तथा अभिकल्प

कलकत्ता, दिनांक 30 सितम्बर, 1995

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिसके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोली इस्टेट, तीसरा तल, लोअर परपेल (पश्चिम), बम्बई-400013 ।

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोवा, दमन तथा दीव एवं पण्डरा और नगर हवेली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा, एकक सं. 401 से 405, तीसरा तल, मंगलगालिका बाजार भवन, मरुस्वती मार्ग, करोल बाग, नई दिल्ली-110005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय शाखा, 61, वालाजाह रोड, मद्रास-600002 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

तार पता—“पेटेंटोफिस”

पेटेंट कार्यालय (प्रधान कार्यालय), निजाम पैलेस, द्वितीय बहुस्तरीय कार्यालय भवन 5, 6 तथा 7वां तल, 234/4, आचार्य जगदीश बोस रोड, कलकत्ता-700020 ।

भारत का अवशेष क्षेत्र ।

तार पता—“पेटेंट्स”

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क :—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य बनावट अथवा डाक आदेश या जहाँ उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुमति बँक से नियंत्रक को भुगतान योग्य बँक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

ALTERATION OF DATE UNDER SECTION 16

816/Del/89
175843 Filed on 26-11-86
(1034/Del/86) Ante-dated to 12-9-89
175860 Filed on 4-8-89
(56/Del/87) Ante-dated to 28-1-87

APPLICATION FOR PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crecent bracket are the date claimed under Section 135. of the Patent Act, 1970.

11th July, 1995

789/Cal/95. Aston Packaging Limited. Hinged clip and fitted article. (Convention No. 9414170.2; on 13-7-94; in U.K.).
790/Cal/95. Brooke Bond Lipton India Limited. Producing shaped articles.
791/Cal/95. Suspa Compart Aktiengesellschaft. Longitudinally adjustable gas spring for chairs, tables or the like. (Convention Nos. P4426846.7 and P4445190.3; on 28-7-94 & 17-12-94; in Germany).

792/Cal/95. (1) Libbey-Owens-Ford Co. & (2) Pilkington Plc. Glass Compositions. (Convention No. 08/285.652; filed on 3-8-94; in U.S.A.).

793/Cal/95. Matsushita Electric Industrial Co. Ltd. CDMA Receiving apparatus. (Convention No. 06-161776; filed on 14-7-94; in Japan).

12th July, 1995

794/Cal/95. Daewoo Electronics Co., Ltd. Thin film actuated Mirror array for use in an optical projection system.

795/Cal/95. Hoerbiger Ventilwerke Aktiengesellschaft. Plate valve, particularly for piston compressors. (Convention No. 1395/94; on 15-7-94; in Austria).

14th July, 1995

796/Cal/95. Daewoo Electronics Co. Ltd. A valve Utilizing shape memory alloys and an anti-lock brake system with the valve.

797/Cal/95. Emil Flachsmann Ag. A process for the preparation of pesticide-poor concentrates of active components of plants. ((Convention No. 02 258/94-7; on 14-7-94; in Switzerland).

798/Cal/95. Matish Chandna Mazumder. A Novel Modification of Jute finisher Drawing frame for doffing without stopping.

799/Cal/95. Indian Institute of Technology. Device for transmitting pressure and differential pressure signals.

800/Cal/95. Asta Medica Aktiengesellschaft. Pharmaceutical Composition for administration by inhalation. (Convention No. P4425255.2; on 16-7-94; in Germany).

14th July, 1995

801/Cal/95. Emitec Ges. F. Emissionstechnologie MBH. Device for Catalytic Conversion of Exhaust Gases of a hybrid vehicle. (Convention No. P4435213.1, on 30-9-94; in Germany).

802/Cal/95. Emitec Ges. F. Emissionstechnologie MBH. Exhaust system for an internal combustion engine. (Convention No. P4429878.1; filed on 23-8-94; in Germany).

803/Cal/95. Scott Paper Company. Dual Liquid spraying system. (Convention No. 08/278,467; on 21-7-94; in U.S.A.).

804/Cal/95. Eli Lilly and Company. Enzyme from microbial source: Phthalyl amidase. (Convention No. 08/275,488; filed on 15-7-94; in U.S.A.).

805/Cal/95. Eli Lilly and Company. Genes encoding and method of expressing a novel enzyme: Phthalyl Amidase. (Convention No. 08/275,490; on 15-7-94; in U.S.A.).

17th July 1995

806/Cal/95. Supratic Chakraborty. Humidity sensor using Conductivity type transducer.

807/Cal/95. Siemens Industrial Automation, Inc. Dynamic user interrupt scheme in a programmable logic controller. (Convention No. 08/365,658; on 29-12-94; in U.S.A.).

808/Cal/95. Siemens Industrial Automation, Inc. Serial Access memory cartridge for programmable logic controller. (Convention No. 08/365,642; on 29-12-94; in U.S.A.).

809/Cal/95. Siemens Industrial Automation, Inc. Expansion module address method and apparatus for a programmable logic Controller. (Convention No. 08/365,655; on 29-12-94; in U.S.A.).

810/Cal/95. Siemens Industrial Automation, Inc. User defined port and protocol scheme for a programmable logic Controller. (Convention No. 08/365,646; filed on 29-12-94; in U.S.A.).

811/Cal/95. Thomas Consumer Electronics, Inc. Method for compressing and decompressing data files. (Convention No. 283,346; on 1-8-94; in U.S.A.).

18th July, 1995

812/Cal/95. Cytotherapeutics, Inc. Methods and compositions of growth control for cells encapsulated within bioartificial organs. (Convention Nos. 08/279,733 and 08/432,698 on 20-7-94 and 9-5-95; in U.S.A. respectively).

813/Cal/95. Cytotherapeutics, Inc. Compositions and methods for a bioartificial extracellular matrix. (Convention No. 08/280,646; on 20-7-94; in U.S.A.).

814/Cal/95. Lilly, S.A. Fluoxetine Pharmaceutical formulations. (Convention No. 9401593, on 20-7-94; in Spain).

815/Cal/95. Patentes Y Novedades, S.L. A Process for the manufacture of Paraformaldehyde. (Convention No. 9402512; filed on 9-12-94 in Spain).

816/Cal/95. Spherilene S.p.A. Multistage process for the (CO) Polymerization of Olefins.

817/Cal/95. E. I. Du Pont De Nemours and Company. Making high filament count fine filament polyester yarns.

818/Cal/95. Glitsch International, Inc. Apparatus and process for the Desulfurization of incondensable gases from the distillation under vacuum of heavy fractions of crude oil. (Convention No. MI94 A 001549; filed on 22-7-94; in Italy).

819/Cal/95. Engelhard Corporation. Method for separating Mixture of finely divided minerals. (Convention No. 08/350,913; filed on 7-12-94; in U.S.A.).

820/Cal/95. Rieter Deutschland GMBH. Method of cleaning the rotor of a rotor spinning machine and device for carrying out the method. (Convention No. PV 1863-94; filed on 3-8-94; Czech Republic).

19th July 1995

821/Cal/95. Spherilene S.p.A. Catalysts and processes for the polymerization of Olefins.

822/Cal/95. SICPA Holding SA. Ink for continuous jet ink printing.

823/Cal/95. Quest Internaional B. V. Process for demethylating S-Methyl-Mercapto Compounds.

824/Cal/95. Anutech PTY Limited. Improved solar collectors. (Convention No. PM 6936; on 19-7-94; in Australia).

825/Cal/95. Eli Lilly and Company. An Improved process for Preparing 3-(4-Aminoethoxy-Benzoyl Benzo /B/ Thiophenes. (Convention No. 08/279,456; filed on 22-7-94; in U.S.A.).

20th July, 1995

826/Cal/95. Ast Research, Inc. Dual Pattern Microprocessor package footprint.

827/Cal/95. ONA Electro-Erosion, S.A. Filter for machine tool.

828/Cal/95. ONA Electro-Erosion, S.A. Filter system for liquids with particles in suspension.

829/Cal/95. ONA Electro-Erosion, S.A. Filtration system for liquids with suspended particles.

830/Cal/95. ICI Australia Operations Pty Ltd. and Queensland Metals Corporation Limited. Magnesium hydroxide slurries. (Convention Nos. PI 9401921 & PM7059 & PN02070; on 23-7-94 & 25/7/94 & 22-12-94; in Malaysia & Australia & Australia respectively).

831/Cal/95. Hewlett-Packard Company. Method of bumping substrates by contained paste deposition. (Convention No. 08/287,453; filed on August 8, 1994; in U.S.).

832/Cal/95. Villamex S.A. DE C. V. Improvements in and relating to an apparatus for precooking wheat flour dough.

21st July, 1995

833/Cal/95. Kimberly-Clark Corporation. Improved ink for ink Jet Printers.

834/Cal/95. Kimberly-Clark Corporation. Improved method of Generating a reactive species and applications therefor.

835/Cal/95. McNeil-PPc, Inc. Laser-Processing head for laser processing apparatus. (Convention No. 08/284 339 filed on 2-8-94; in U.S.A.).

836/Cal/95. Medinol Ltd. A flexible expandable stent. (Convention No. 08/282, 181 on 28-7-94; in U.S.A.).

837/Cal/95. Apurba Mondal, Mondal Fuelless Engine.

24th July, 1995

838/Cal/95. Purnachandra Paul, Fuel-less Buoyancy Engine.

- 839/Cal/95. Mark Clayton Carter. Collapsible shelter with flexible collapsible canopy. (Convention No. 08/279,476; on 25-7-94; in U.S.A.).
- 840/Cal/95. Mark Clayton Carter. Collapsible shelter with elevated canopy. (Convention No. 08/279,656; on 25-7-94; in U.S.A.).
- 841/Cal/95. American Cyanamid Company. 4-Phenoxy-coumarins as herbicidal Agents. (Convention No. 08/279,579; in 25-7-94; in U.S.A.).
- 842/Cal/95. HKS Co. Ltd. Engine Intake-air Filter apparatus. (Convention No. 7-15479; on 5-1-95; in Japan).
- 843/Cal/95. General Electric Company. Method and apparatus for setting skew Angle. (Convention No. 08/335,257; filed on 7-11-94; in U.S.A.).
- 844/Cal/95. Asta Medica Aktiengesellschaft. Novel N-benzylindole and benzopyrazole derivatives with antiasthmatic, anti-allergic, anti-inflammatory and immune modulating effect. (Convention No. P44 27 393.2; on 3-8-94; in Germany and No. 19511916.9 on 31-3-95; in Germany).
- 845/Cal/95. Foster Wheeler Energy Corporation. Mounting and linkage system for burners in a furnace. (Convention No. 08/288,863; filed on 11-8-94; in U.S.A.).
- 846/Cal/95. Asahi Kasei Kogyo Kabushiki Kaisha. Liquid Phase Alkylation of aromatic Hydrocarbons with β -Zeolite. (Convention No. 06-182242; on 3-8-94; in Japan).
- 847/Cal/95. Ormat Industries Ltd. Method of an apparatus for efficiently Combusting low grade solid fuel. (Convention No. 281,631; of 28-7-94; in USA).
- 848/Cal/95. Siemens Energy & Automation, Inc. Pivoting circuit breaker load terminal. (Convention No. 08/348,018; filed on 1-12-94; in U.S.A.).
- 849/Cal/95. (1) Hoechst Aktiengesellschaft. (2) Siemens Aktiengesellschaft. Phosphorus-Modified Epoxy Resins, Processes for their preparation and their use. (Convention No. P4427456.4; on 3-8-94; in Germany).
- 850/Cal/95. Hollandse Signaalapparaten B.V. Radar Apparatus.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of Patents on any of the Applications concerned, may, at any time within four months of the date of this issue or within such further period not exceeding one month applied for on Form-14 prescribed under the Patents Rules, 1972 before the expiry of the said period of four months, given notice to the Controller of Patents at the appropriate office on the prescribed Form-15, of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule-36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian classification and International Classification.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि से उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र-14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एजेंसी का उपर्युक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकने हैं। विरोध सम्बन्धी लिखित वक्तव्य, उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के संबंध में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टीका अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कसकता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिसे उक्त कार्यालय से पत्र-व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण 5 भाग 2/- रु. है); फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Cl. : 136 E (XIII).

175841

Int. Cl.⁴ : B 29 C 47/02, 43/28.

A METHOD AND APPARATUS FOR PRODUCING A DEFORMED PIPE LINER OF TUBULAR CROSS-SECTION.

Applicant : PIPE LINERS, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF LOUISIANE, UNITED STATE OF AMERICA, OF 3421 N. CAUSEWAY BOULEVARD, METAIRIE, LOUISIANE 70002, UNITED STATE OF AMERICA.

Inventors : PATRICK R. LEDOUX, & LUC R. FOURGAUT.

Application for Patent No. 588/Del/88 filed on 8 July, 1988.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rule, 1972) Patent Office Branch, New Delhi-110005.

6 Claims

A method for producing a deformed pipe liner of tubular cross-section having an outside diameter to fit into a pipe line and formed of plastic material for subsequent insertion into a pipe line and then reformed to said cross-section, said method comprises,

firstly collapsing the tubular cross-section at a deformable portion thereof by folding it by depression dimetrically toward an opposite side portion thereof along a plane of bilateral symmetry about which opposite side sections of the tubular cross-section bend into double-wall configurations with the fold juxtaposed to said opposite side portion of the tubular cross-section;

secondly collapsing the opposite side sections of double-wall configurations laterally toward the plane of bilateral symmetry by bending the double-wall configuration of the opposite side sections;

thereby reducing the cross-sectional configuration without elongation and for insertion into the pipe line and reformation therein to its initial tubular cross-section to fit within the pipe line.

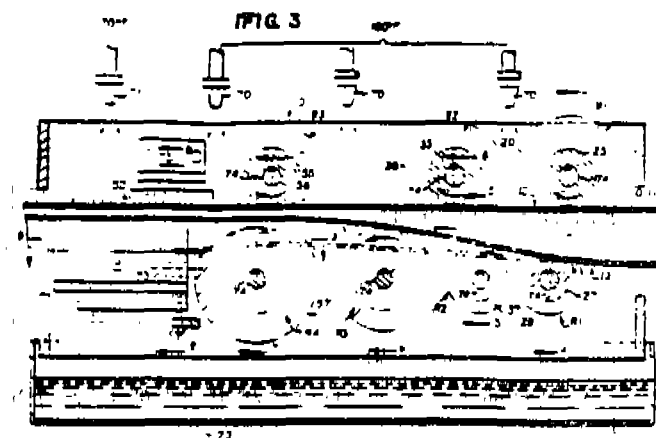
3. An apparatus for carrying out the process as claimed in claim 1 which comprises

at least one revolvable back-up (B1) roller disposed on a horizontal axis parallel to the axis of and in opposition to at least one revolvable shaping (R1) roller;

the back-up roller ((B1) having a concave spool-shaped (25) periphery centered at a plane of bilateral symmetry to engage a back-up (12) portion of the tubular cross-section (13);

the shaping roller (R1) having a convex fold (27) initiating and fold shaping perimeter at said plane of bilateral symmetry to depress a deformable portion of the tubular cross-section dismetrically toward the back-up portion thereof and along the plane of bilateral symmetry about which opposite side sections of the tubular cross-section (13) bend into double wall configurations with a fold thereof juxtaposed to said opposite back-up (12) portion of the tubular (13) cross-section;

and a pair of laterally positioned (S1, S2) revolvable shaping rollers disposed on vertical axes at opposite sides of the plane of bilateral symmetry and each having a concave (60) curvilinear periphery to engage and further depress the double-wall configurations of the side sections laterally inward toward the plane of bilateral symmetry by bending the double-wall configurations of the opposite side sections.



(Compl. Specn. 54 pages

Drawing 3 sheets)

Ind. CL. : 146 C

175842

Int. Cl.⁴ : G01C 17/00.

MAGNETIC COMPASS.

Applicant : SMITHS INDUSTRIES PUBLIC LIMITED COMPANY, A BRITISH COMPANY OF 765 FINCHLEY ROAD, LONDON NW11 8DS, ENGLAND.

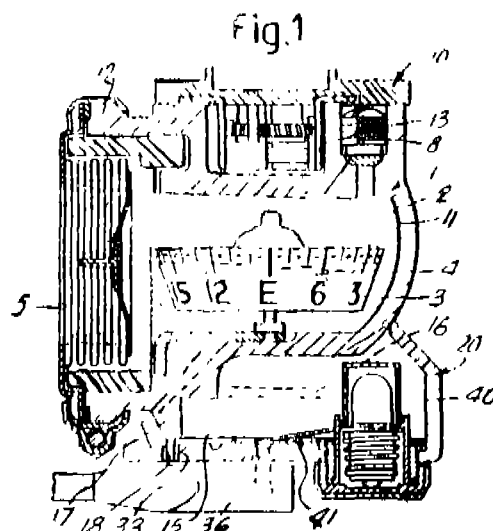
Inventors : WILLIAM GERALD HUMPHRIES.

Application for patent No. 621/Del/88 filed on 20th July 1988.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, branch, New Delhi-110005.

(CLAIMS 8)

A magnetic compass of the kind having a magnet assembly (3, 4) supported in a fluid-filled bowl (1, 2) whereby the assembly is visible through a part at least of the bowl (1), a lamp housing (20) that illuminates the assembly (3, 4) through the wall of the bowl (1), the lamp housing (20) having a resilient element (30) for providing a snap-fit engagement of the housing (20) with a surface formation (16, 27, 18) on the bowl to maintain the housing (20) in position on the bowl.



(Complete Specification 11 Pages

Drawing Sheets 3)

Ind. Cl. : 40 B

175843

Int. Cl.⁴ : C 07 C, 5/393

A PROCESS FOR THE DEHYDROCYCLODIMERIZATION OF ALIPHATIC HYDROCARBONS.

Applicant : UOP INC., A CORPORATION ORGANISED IN THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 20 UOP PLAZA, ALGONQUIN & MT. PROSPECT ROADS, DES PLAINES, ILLINOIS-60017, U.S.A.

Inventors : SOLVEG SUE KJELL, TAIHSIANG CHAO, NANCY JO FLINT & ARTHUR ATHANASIOS FOUT SITZIS.

Application No. : 816/Del/89 filed on 12-9-89.

Divisional to Application No. 1034/Del/86 filed on 26/11/86.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(CLAIMS 4)

A process for the dehydrocyclodimerization of aliphatic hydrocarbons of the kind such as herein described which comprises contacting a feed stream containing aliphatic hydrocarbons and optionally a diluent of the kind such as herein described with a catalytic composition comprising gallium calculated on an elemental basis, in an amount in the range of from 0.1 to 5 wt. %, crystalline aluminosilicate zeolite in an amount in the range of from 40 to 80 wt. % having a silica to alumina molar ratio of at least 12:1 $\text{SiO}_2 : \text{Al}_2\text{O}_3$ and phosphorous-containing alumina at dehydrocyclodimerization conditions comprising temperature in the range of from 350°C to 650°C, a pressure of from 1 to 20 atmospheres, and a liquid hourly space velocity of from 0.2 to 5 liquid volumes of said aliphatic hydrocarbons per hour per volume of said catalytic composition and recovering a product stream containing aromatics and hydrogen.

(Complete Specification 20 Pages

Drawing Sheet Nil)

Ind. Cl. : 72 C,

175844

Int. Cl. : F 42 B 27/00, 27/02.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

A FRAGMENTATION CASTING FOR AN EXPLOSIVE DEVICE.

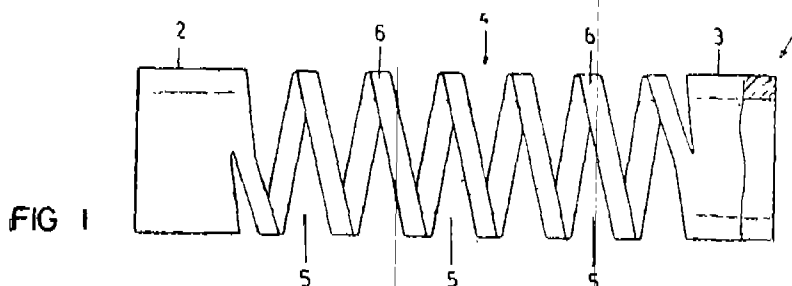
Applicant : KARL MERZ, A SWISS CITIZEN, OF HOHENWEG 14, 5734 REINACH/AG, SWITZERLAND.

Inventors : KAAL MERZ.

Application for patent No. 848/DEL/88 filed on 4 Oct 1988.

(CLAIMS 11)

A fragmentation casting for an explosive device, in particular for a projectile, a grenade, or a mine, with a one-piece hollow body (1) that incorporates normal break points, the said hollow body (1) is slit at least in one section (4) by at least one separating cut (5, 5', 5'') that constitutes a separating gap, the separating cut being such that the hollow remains as a one-piece structure, and the surfaces of the separating cut that are adjacent to each other in the separating gap are brought into contact with each other and fixed in contact with each other.



(Complete Specification 13 pages & Drawing Sheets - 4)

Ind. Cl. : 127 I

175845

Int. Cl. : B 23 D, 15/00

ADJUSTABLE MOUNTING FOR MULTIGOB APPARATUS FOR STRAIGHT LINE SHEARING.

Applicant : EMHART INDUSTRIES, INC., A CORPORATION OF THE STATE OF CONNECTICUT, HAVING A PLACE OF BUSINESS AT 426 COLT HIGHWAY, FARMINGTON, CONNECTICUT, U.S.A., -06032.

Inventor : DOUGLAS WARREN WRIGHT.

Application No. : 852/Del/88 filed on 5/10/88.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(CLAIMS 3)

A shear mechanism for shearing discrete gobs of molten glass from a single or a pair of spaced or three equally spaced vertically descending runners of molten glass discharged from a spout bowl assembly comprising

three shear blade adjustment assemblies each including :

an indexing rod 21 (a, b, c) having a miter gear 23 (a, b, c) at one end

an adjustment shaft 26(a, b, c) having a miter gear 25(a, b, c) at one end for operatively engaging with said indexing rod miter gear 23(a, b, c)

frame means having a vertical wall portion 30 and a horizontal wall portion 15 adapted to support one of said shear blade adjustment assemblies 20b at a central location,

a pair of horizontal slots 40, 45 provided in said vertical wall portion 30 on either side of said central shear blade adjustment assembly 20b for receiving the indexing rods 21a, 21c of the second and third shear blade adjustment assemblies 20a, 20c,

a pair of vertical slots 50, 55 provided in said horizontal wall portion 15 on either side of said central shear blade adjustment assembly 20b for receiving the adjustment shaft 26a, 26c of the second and third shear blade adjustment assemblies 20a, 20c and

first means 20a, 20b for locating the indexing rod and adjustment shaft of said second assembly at either end of said associated vertical and horizontal slots and

second means for locating the indexing rod and adjustment shaft of said third assembly at either end of said associated vertical and horizontal slots to enable location of said second and third assemblies at the inner portion of said slots for double gob shearing or at the outer portion of said slots for triple gob shearing.

(Complete Specification 9 pages,

Drawing Sheet one)

Ind. Cl. : 188.

175846

Int. Cl. : C 25 D, 3/54.

A PROCESS FOR THE ELECTRODEPOSITION OF TITANIUM SUBSTRATES.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110001.

Inventors : KAILATHUVALAPPIL INNIRI VASU, SANANALLUR RAMACHANDRAN NATARAJAN & MALATHY PUSH-PAVANAM.

Application for patent No. 867/DEL/88 filed on 7 Nov 1988.

Complete Specification left after Provisional on 7-2-90.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(CLAIMS 4)

A process for the electrodepositions of platinum on titanium substrate which comprises etching substrate in a mixture of 500 to 850 ml/L hydrochloric acid (100-200)ml/L formic acid and 5 to 100 ml/L hydrofluoric acid for 15-60 minutes at ambient temperature, washing the etched substrate, plating the etched substrate for one hour with platinum from a solution of dinitrosulphate platinous acid at a current density in the range of 0.5/1 A/dm² and at a PH of 1.0-2.0, heating the plated substrate to a temperature in the range of 200-600°C, cooling the plated substrate and repeating the platinum deposition process till the described total thickness of not more than 8 um is reached.

(Provisional Specification 5 Pages)

(Complete Specification 7 pages & Drawing sheets Nil)

Ind. Cl. : 88 F,
Int. Cl.⁴ : C01B, 3/12, 3/26

175847

AN IMPROVED PROCESS FOR THE PRODUCTION OF A HYDROGEN CONTAINING GAS STREAM.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC., A BRITISH COMPANY OF IMPERIAL CHEMICAL HOUSE, MILLBANK LONDON SW1P 3JF ENGLAND,

Inventor : WARWICK JOHN LYWOOD, MARTYN VINCENT TWIGG.

Applicant for Patent No. 579/Del/89 Filed on 3 Jul 1989.

Convention date 22-7-88/8817480.0/GB.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

(CLAIMS 7)

An improved process for the production of hydrogen containing gas stream which comprises;

forming in any conventional manner an initial gas stream containing hydrogen carbon monoxide carbon dioxide and steam :

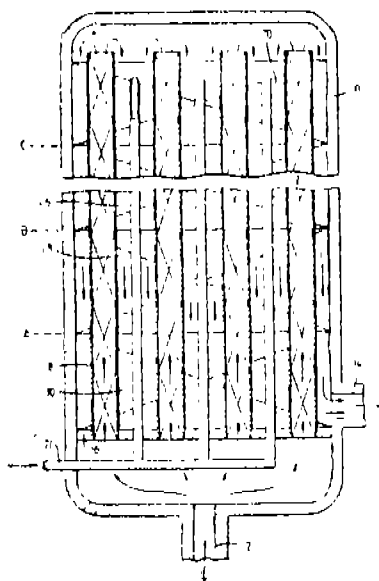
cooling said gas stream :

passing said cooled gas stream over an iron free catalyst to catalyst the shift reaction to obtain the product gas stream wherein :

said initial gas stream is produced at a temperature above 700°C :

subsequently the said initial gas stream is cooled at a temperature within the range of 550 to 650°C to form said cooled gas stream :

and the initial gas stream has a steam to dry gas molar ratio below 0.5 but a steam to carbon monoxide molar ratio of at least 0.5.



(Complete Specification 23 Pages

Drawing one Sheet)

Ind. Cl. : 34 B
Int. Cl.⁴ : C08L 1/00

175848

PROCESS AND APPARATUS FOR PREPARING HOMOGENEOUS SOLUTION OF CELLULOSE.

Applicant : LENZING AKTIENGESellschaft AN AUSTRIAN COMPANY, OF A-4860 LENZING, AUSTRIA.

Inventors : STEFAN ZIKELI, BERND WOLSCHNER, DIETER EICHINGER, RAIMUND JURKOVIC, HEINRICH FIRGO.

Application for Patent No. 647/Del/89 filed on 24-7-89.

Appropriate office for filling opposition proceedings (Rule 4, 1972) Patent Office Branch, Karol Bagh, Delhi-110005.

(CLAIMS 6)

A process for manufacturing homogenous solutions of cellulose in aqueous tertiary amine oxides from a suspension of cellulose in an aqueous solution of the tertiary amine oxide by supplying heat at a reduced pressure, characterized in that the suspensions is spread in layers or coats over a heating surface, at a temperature of between 50°C - 150°C and pressure of 0.5 mbar to 1000 mbar, until a homogenous solution of the cellulose is formed, having a viscosity of between 50 and 15,000 Pas. s, the feeding of the suspension and drawing-off of the homogenous solution being carried out continuously.

(Complete Specification 13 Pages

Drawing Sheet 1)

Ind. Cl. : 32 E^a + E4
Int. Cl.⁴ : A 61K 31/33

175849

A METHOD FOR THE MANUFACTURE OF A COMPOSITION SUITABLE FOR TREATMENT OF VAGINITIS.

Applicant : CURATEK PHARMACEUTICALS LIMITED PARTNERSHIP 1965 PARTT BOULEVARD ELK GROVE VILLAGE, ILLINOIS-60007 UNITED STATES OF AMERICA, A PARTNERSHIP FIRM ORGANISED UNDER THE LAWS OF ILLINOIS, UNITED STATES OF AMERICA.

Inventors : ROBERT JOHN BORGMAN.

Application for Patent No. 795/Del/90 filed on 7 Aug 1990.

Appropriate office for opposition proceedings (Rule 4 Patent Rules, 1972) Patent Office Branch, New Delhi-110005.

(CLAIMS-17)

A method for the manufacture of a composition suitable for the treatment of vaginitis which comprises combining metronidazole with a buffer system such as herein before described in a physiologically tolerable medium such as herein described, said metronidazole being dispersed in a gelled hydrophilic and water-dispersible polyacrylic acid polymer having free carboxylic acid groups and a molecular weight in the range of 1,250,000 to 4,000,00 daltons in the presence of sufficient base of the kind such as herein described so as to cause said pH value for the composition in the range of 3 to 4.25, the amount of said metronidazole being from 0.1 to 1% by weight of the total weight of composition the amount of said polymer being from 0.2 to 7% by weight of said composition, the balance being constituted by said buffer system and conventional additives and adjuvants, if any such as herein described.

(Complete Specification 64 Pages : Drawing Sheets 2)

Ind. Cl. : 32 F (29)

175850

Int. Cl.⁴ : C 07 C, 13/04.

A PROCESS FOR THE PREPARATION OF α (RS) LYANIO p-SUBSTITUTED BENZYL (\pm) cis-2, 2-DIMETHYL-2-(2, 2-DICHLOROVINYL) CYCLOPROPANE CARBOXYLATES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAJ MARG, NEW DELHI-110 001, INDIA.

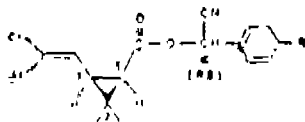
Inventors : GURUNATH HANUMANTRAO KULKARNI
DWARKANATH GOVIND PANSE
RAJAN HIRALAL NAIK

Application for Patent No. : 868/Del/90 Filed on 30 August, 1990.

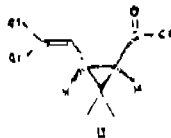
Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 5)

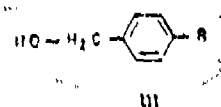
A process for the preparation of α (RS)-cyano-p-substituted benzyl (\pm) cis-2, 2-dimethyl-3-(2, 2-dichlorovinyl) cyclopropane carboxylate, of the formula 1 shown in the drawing accompanying



this specification where R is NO₂, CH₃, F or OCH₃, which comprises reacting a solution of (\pm) cis-2, 2-dimethyl-3-(2, 2-dichlorovinyl) cyclopropane carboxylic acid chloride of the formula II



and appropriately p-substituted cyano benzyl alcohol of the formula III



where R has the meaning given above, the alcohol of the formula III being generated in situ by reacting corresponding p-substituted benzaldehyde with an aqueous mixture of an alkali metal cyanide, a phase transfer catalyst such as herein described, water in the presence of an inert solvent initially at 0-5°C for 2 hr and then for 2 hr at 30°C under stirring, separating the organic layer, washing it with water, drying and distilling off the solvent to produce the said α (RS) cyano-p-substituted benzyl ester.

(Complete specification 9 pages; Drawing Sheet One)

Ind. Cl. 146 D2,

175851

Int. Cl.⁴ : G02B 27/22.

A VIEWER FOR STEREOSCOPIC PICTURES.

Applicant(s) : SATENDRA NARAIN MATHUR, AN INDIAN NATIONAL OF NO. A/D-41B, SHALIMAR BAGH, DELHI-110 052.

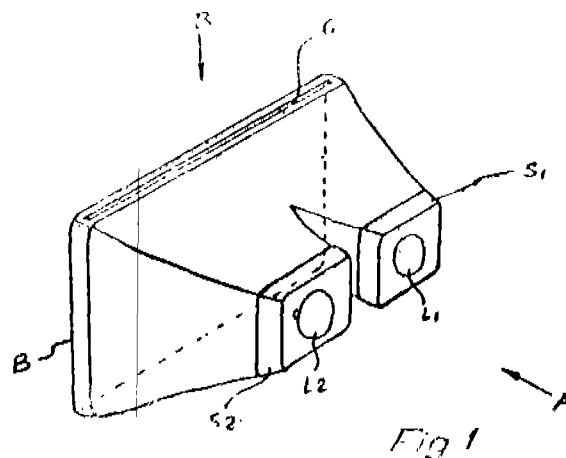
Inventor : SATYENDRA NARAIN MATHUR.

Application for Patent No. 610/Del/88 filed on 18th July, 1988.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, New Delhi-110 005.

(Claims 5)

A viewer for stereoscopic pictures comprising a body having a picture viewing portion with an open base (S) made of transparent material such as glass or plastic, and a eyepiece portions (S1 & S2), made of optically transparent material said eyepiece portions (S1 & S2) provided with magnifying lenses (L1 & L2) for viewing the picture.



(Complete specifications 7 pages; Drawing 1 Sheet)

Ind. Cl. : 193 C

175852

Int. Cl.⁴ : HO 4 N 5/00.

VIDEO CIRCUIT ENCLOSURE FOR ATTACHMENT TO A CATHODE RAY TUBE.

Applicant : DIGITAL EQUIPMENT CORPORATION, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF MASSACHUSETTS, UNITED STATES OF AMERICA, OF 146 MAIN STREET, MAYNARD, MASSACHUSETTS 01754, UNITED STATE OF AMERICA.

Inventors : KEITH L TOSNONI, JOHN FITZGERALD, GLENN WELCH, PAUL YONKERS.

Application for Patent No. 626/DEL/88 filed on 21 July 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule, 1972) Patent Office Branch, New Delhi-110 005.

Claims 8

A video circuit enclosure (30) for attachment to a cathode ray tube (12), said cathode ray tube (12) having a screen face (24) and a neck (26) extending away from said face, said neck (26) having a portion containing at least one conductive terminal (28) for said cathode ray tube, (12) said video circuit enclosure (30) comprising;

(a) a video box (32) of conductive material forming a shield, said box being (32) disposed over said portion of said cathode ray tube (12) having said conductive terminal (28) said box having an open face into which said cathode-ray tube neck (26) extends;

(b) a video board (34) secured inside said video box (32) said video board (34) having at least a video amplifier circuit for supplying signals to said cathode ray tube;

(c) a socket board (40) located inside said video box (32) and in spaced relation to said video board (34) said socket board (40) having socket means (38) for coupling to said cathode ray tube (12) so that said cathode ray tube (12) is attached to said socket board (40) and is in electrical contact with said cathode ray tube terminal;

(d) electrical connection means (42) connected to said socket means (38) for maintaining a conductive path for signal transfer therebetween when said video board (34) and said socket board (40) move relative to each other.

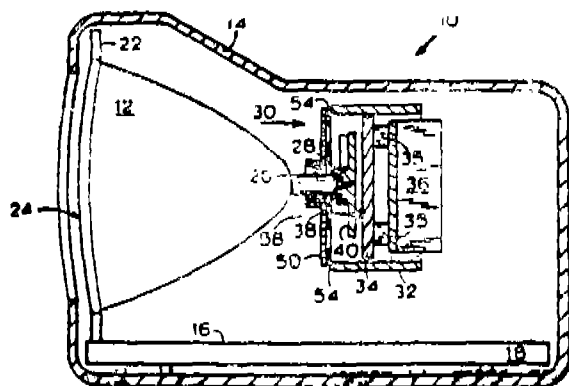


FIG. 1

(Compl. Specn. 20 pages;

Drgns. sheets 3)

Ind. Cl. : 32 E.

175853

Int. Cl.⁴ : C08. F. 220/06.

A METHOD FOR PREPARING A SOLID WATER ABSORBING RESIN.

Applicant(s) : AMERICAN COLLOID COMPANY, OF ONE NORTH ARLINGTON 1500 WEST SHURE DRIVE ARLINGTON HEIGHTS, ILLINOIS 60004 USA A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA.

Inventor(s) : WILLIAM ALEXANDER, MARK ANDERSON, BARBARA, R. REGAN.

Application for Patent No. 691/DEL/88 filed on 10th August, 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule, 1972) Patent Office Branch, New Delhi-110 005.

Claims 13

A method of preparing a solid water absorbing resin comprising mixing a monomer solution of (A) acrylic acid neutralized 70—100 mole percent; and (B) a water-miscible to water-soluble polyvinyl monomer in a combined concentration of at least 30 wt. % with water to form a mixed monomer solution, characterised in that polymerization of the mixed monomer solution is initiated by said adding a thermal initiator such as herein described and a redox initiator such as herein described to the mixed monomer solution to form an initiated mixed monomer solution, and wherein the 2—267GI/95

mixed monomer solution is at a temperature below the decomposition temperature of the thermal initiator when the thermal initiator is added to the mixed monomer solution, is high enough such addition of the redox initiator thereon causes sufficient polymerization of the monomers to raise the temperature of the initiated mixed monomer solution to a level sufficient that the thermal initiator decomposes sufficiently to provide, together with the redox initiator, substantially complete polymerization.

(Comp. Specn. 37 pages;

Drg. 1 sheet.)

Ind. Cl. : 119 BC XXI(3).

175854

Int. Cl.⁴ : DO3C 1/00, 11/06, 1/16, 1/20.

DOBBY MACHANISM FOR LOOMS.

Applicant : INTERNATIONAL DEVELOPMENT RESEARCH CENTRE, WHOSE A CANADIAN FIDERAL CORPORATION, WHOSE POST OFFICE ADDRESS IS P.O. BOX 8500, OTTAWA ONTARIO, K1G 3H9 CANADA.

Inventor. : ABDUL WASEY OMAR.

Application for Patent No. 896/DEL/88 filed on 19 Oct 1988.

Convention date 28-10-87/550411/CA.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule, 1972) Patent Office Branch, New Delhi-110 005.

Claims 8

A dobby for loom, comprising :

- (1) frame means for supporting first and second knives that reciprocate radically out of phase at the loom frequency between two permanent base positions;
- (2) a plurality of swing levers which tranemit the full motion of said first and second knives, said levers being coupled to a loom harness for operating said harness and for shedding of the warp with dwell action.
- (3) hook means pivoted directly to each swing lever for engagement with one or other of the two knives;
- (4) means for actuating the hook means from both of said base positions for engaging a different one of the knives from each base position; and
- (5) pattern controll means for controlling said acuating means whereby particular levers are selected a fresh on each loom cycle as determined by said pattern control means,

one of said reciprocating knives engaging said swing lever or levers from a first of said base positions to create an opened in the warp and the other of said knives engaging said lever or levers from a second of said base positions to close the opened.

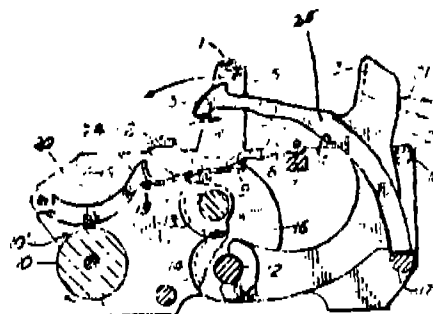


FIG. 2

(Comp. Specn. 12 pages;

Drgns. sheets 2)

Ind. Cl. : 32 B.

175855

Int. Cl. : C 07 C, 2/00

AN IMPROVED PROCESS FOR CATALYST OXIDATIVE CONVERSION OF METHANE TO C₂ HYDROCARBONS IN PRESENCE OF FREE OXYGEN.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors : VASANT RAMCHANDRA CHOUDHARY, SOPAN TUKARAM CHAUDHARI, AMARJEET MUNSIRAM RAJPUT & VILAS HARI RANE.

Application for Patent No. 957/DEL/88 filed on 7th Nov. 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule, 1972) Patent Office Branch, New Delhi-110 005.

Claims 10

An improved process for catalytic oxidative conversion of methane to ethane and ethylene which comprises effecting the conversion in multiple catalytic reactors containing conventional catalyst, which is capable of converting methane to ethane, the reactors being connected in series by introducing a feed consisting of methane and oxygen into the first reactor and only oxygen into all the reactors such that the overall ratio of methane to oxygen in the reactor is maintained in the range of 1.5 to 20, at a temperature in the range of about 500—1000°C at a pressure in the range of about 1-50 atm and a contact time in the range of about 0.0001 to 0.5 sec.

(Comp. Specn. 21 pages;

Drg. sheet 1)

Ind. Cl. : 49 B+E & 98 I.

175856

Int. Cl.^a : A 47 J, 36/24 & F 24 J, 2/02.

AN IMPROVED SOLAR COOKER.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventor : SATYA PRAKASH ANAND.

Application for Patent No. 961/DEL/88 filed on 7th Nov. 1988.

Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule, 1972) Patent Office Branch, New Delhi-110 005.

Claims 2

An improved solar cooker which comprises a trapezoid box having double walled bottom (11) and four sides (12), the outer surface of the walls of the said trapezoid box being made of least conducting materials, while the inner walls of the said box being made of good conducting materials which being painted dull black on the surface exposed to the sun, the empty space between the outer and inner walls being filled with non-conducting material, top cover (1) of the box also being double walled and made up of transparent material fitted into a frame (14), the said frame having four covers-cum-reflectors (2, 3, 4 & 5) hinged to each of its sides in such a manner that the said cover-cum-reflectors open and close in successive order, the said covers-cum-reflectors being provided with means (6 & 7) to hold them in required position, the trapezoid box being provided with at least

two adjacent platforms (13) inside it in the form of steps, the platform steps being covered with good conducting material and being separated by a removable sheet of transparent material (16) to form chambers, the trapezoid box being provided with separate side openings and corresponding double walled doors (9 & 10) for operating each of the said chamber.

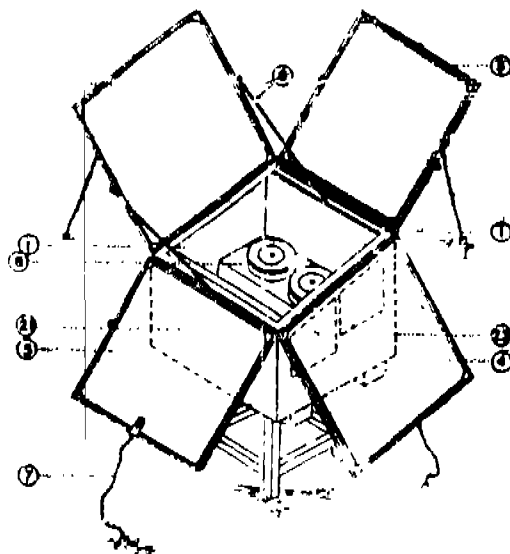


Fig 1

(Comp. Specn. 17 pages;

Drgns. sheets 3)

Ind. Cl. : 170 B+D.

175857

Int. Cl.^a : C 11 D, 3/20, 3/39, 3/395.

DETERGENT COMPOSITIONS FOR USE IN AQUEOUS FORM.

Applicant : BP CHEMICALS LIMITED, A BRITISH COMPANY, OF BELGRAVE HOUSE, 76 BUCKINGHAM PALACE ROAD, LONDON SW1W 0SU, ENGLAND.

Inventors : STEPHEN ROBERT HODGE & ANDREW PEARCE.

Application for Patent No. 117/DEL/89 filed on 7th Feb 1989.

Convention date 11-2-1988/8803113/U.K.

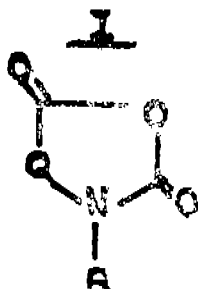
Appropriate Office for Opposition Proceeding (Rule 4, Patent Rule, 1972) Patent Office Branch, New Delhi-110 005.

Claims 10

A detergent composition for use in aqueous form which comprises :

- (i) from 1 to 70% w/w of the composition, a surfactant selected from an ionic, non-ionic witterionic and cationic surfactants such as herein described and mixtures thereof,
- (ii) from 1 to 40% w/w of the composition, a peroxygen precursor compound such as here described,
- (iii) up to 5% w/w of a bleach activator capable of enhancing the bleaching activity of the peroxygen compound,
- (iv) from 0.01 to 5% w/w of the composition a suds suppressing agent, such as herein described, and

(v) upto 90% w/w of the composition a detergent builder such as herein described, said bleach activator comprising one or more cyclic anhydrides containing at least one nitrogen atom in the alpha position with respect to at least one of carbonyl functions in the anhydride having the generic formula I shown in the accompanying drawings,



wherein Q is a divalent organic group such that Q and N together with the carbonyl and oxygen function in the anhydride form one or more cyclic structure, and R is a group selected from H, an alkyl, aryl, halogen, and a carboxylic or a carbonyl containing function, said bleach activator being at least partially soluble in water.

(Comp. Specn. 16 pages;

Drg. sheets 2)

Ind. Cl. : 141 A.

175858

Int. Cl.⁴ : C22B, 1/243.

AN IMPROVED PROCESS FOR THE PREPARATION OF COLD BONDED IRON ORE PELLETS USING CEMENTSILICA BINDER.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI 110 001, INDIA STEEL AUTHORITY OF INDIA LIMITED, IS-RAT BHAVAN, LODHI ROAD, NEW DELHI-110003.

Inventors : DIPAK KUMAR DUTTA.

SURJIT GUPTA

DIPOK BARDOLAI

PRAKASH CHANDRA BORTHAKUR

JAGANNATH BHARANAPPA PATIL

TANNIRKULAM MUDAMBI SRINIVASAN.

Application for Patent No. 654/DEL/89 filed on 25th July 1989.

Appropriate Office for Opposition Proceeding (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 7

An improved process for the preparation of cold bonded iron pellets using cement silica binder which comprises mixing 90-92.5 iron ore fines having granulometry —2 mm+500u (15—20%) —500u+75 u 45—55%) —75u (30—35%) with 7-9% ground portland cement/clinker having surface area in the range of 3500—4000 cm²/g and 0.5 to 1% silica dust of size below 63 u then pelletizing with a constant spray of water & curing the green pellets by methods such as herein described.

(Comp. Specn. 14 pages;

Drg. Nbr.

Ind. Cl. : 40 F IV(1).

175859

Int. Cl.⁴ : A 61 B 5/14.

APPARATUS FOR PERFORMING BIOLOGICAL ANALYSIS BY CHEMICAL REACTION ON A SERUM.

Applicant & Inventor : JEAN GUIGAN OF 5, RUE DES URSULINES, 75005 PARIS, FRANCE.

Applicatio for Patent No. 663/Del/89 filed on 26th July 1989.

Appropriate Office for filing Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office Branch, New Delhi-110 005.

Claims 9

An apparatus for processing a plurality of cartridges by performing biological analyses by chemical reaction on a serum, said apparatus comprising :

a hub (41) mounted for rotation about the axis of the hub connected to a motor (43) and having an angle encoder (45) controlling rotation cycles of said hub (41) and imparting both centrifuging motion to the hub and also step-by-step motion thereto; (41)

a plurality of circumferentially spaced cartridge-carrying lifts (51) fixed radially to the hub (41) and supporting said cartridges, (1) respectively, means (53) for causing each lift (51) to pass from a cartridge-loading position (51) to a working position, said cartridge-loading position (51) being higher than said working position, each of the lifts (51) having an open peripheral face, and aligned open top and bottom faces, and each lift (51) including declutchable means (62, 74) for locking a cartridge radially in position during centrifuging;

a plurality of optical reading gauges (65) at said circumferentially spaced positions of said lifts, (51) fixed to said hub (41) and level with the peripheral faces of said lifts, (51) respectively, and rotatable therewith;

each cartridge (1) being of generally rectangular shape and comprising;

a flexible sachet (10) of flexible plastic material having three compartments (4, 5, 6) each intended to contain a reagent or a dilutant, with at least one (4) of the compartments (4, 5, 6) being flexible analysis compartment optically aligned with said optical reading gauge, (65) being connected firstly to a free end of the sachet (10) through a channel (1) closed by a fragile capsule, (15) and secondly to the other two reagent storage compartments (5, 6) through respective ducts (8, 9) each having a fragile weld;

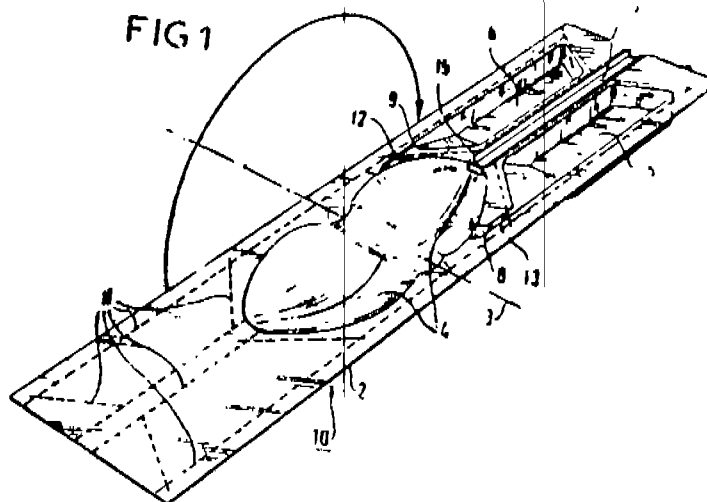
a rectangular bottom (20) preformed in plastic material receiving said sachet (10) having an opening (22) aligned with said sachet analysis compartment (4) and being also provided with a cuvette (23) for storing serum, said channel (7) of said sachet (10) terminating in said cuvette; (23)

a lid (21) closing said bottom, (20) said lid (21) having an opening (22) aligned with said opening (22) within said bottom (20) leaving a major portion of said analysis compartment (4) visible for facilitating optical measurement of reagent condition in said analysis compartment; (4)

at least one peripheral optical read module (80) situated on the path of rotation of said optical reading gauges (65) for selective alignment with said optical reading gauges and performing an optical measurement of the condition of reagent mixture within an analysis compartment (4) upon effecting such alignment means and a cartridge fragile capsule and weld breaking module (82) situated above the path of

said analysis compartment (4) and reagent storage compartments, (5, 6) provided with means (91, 92, 97) for selectively

breaking said fragile capsule (15) and said fragile duct welds. (12, 13).



(Complete specification 15 pages

Drawing Sheets 10)

Ind. Cl. : 140 A^a

175860

Int. Cl.⁴ : C 10 M, 133/00, 133/38.

AN IMPROVED LUBRICATING COMPOSITION.

Applicant : THE LUBRIZOL CORPORATION OF
29400 LAKELAND BOULEVERD, WICKLIFFE OHIO
44092, UNITED STATES OF AMERICA.

Inventors : JOSEPH WILLIAM PIALET & PAUL
ERNEST ADAMS.

Application for Patent No. : 695/Del/89 filed on 4th
August, 1989.

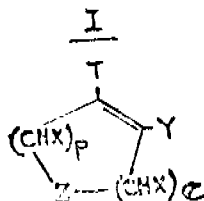
Divisional to Patent Application No. 56/Del/87 filed on
28-1-87. Ante-dated to 28-1-87.

Appropriate office for opposition proceedings (Rule 4,
Patent Rules, 1972) Patent Office Branch, New Delhi-
110 005.

(Claims 3)

An improved lubricating composition comprising by
weight :

- (i) from 98% to 99.5% Oil of lubricating viscosity; and
- (ii) from 0.5% to 2% of an additive of the formula I of
the accompanying drawings



wherein Z is S, NR, N-C-AR, NC-NH-R, N-C-R-, PR or
PRA, wherein A is O or S and R is H, alkyl, alkenyl,
hydrocarbyl acyl, hydrocarbyl phenolate having from 1 to 40
carbon atoms or $-(\text{CH}_2)_m\text{Q}$, where m is 1 to 12, Q is O-
alkyl or N-alkyl, X is independently H, COOH, NH₂,
CONH₂, OR, COR, NHR, OH, SH, or CH wherein R is the
same as defined hereinabove; p is Q to 2; e is 0 to 2 where-
in e+p is 2 or 4; T is NH₂, NHR wherein R is the same as
defined hereinabove, SH, OH or their tautomers, hydrocarbyl
acyl or hydrocarbyl phenolate; and Y is CNH₂, CO₂H or
CH₂NH₂ wherein A is the same as defined hereinabove.

(Complete Specification 19 pages;

Drawing Sheet One)

RESTORATION PROCEEDINGS

Notice is hereby given that an application was made under
Section 60 of the Patents Act, 1970 for the restoration of
Patent No. 163872 granted to Kirloskar Brothers Ltd. for
an invention relating to "two stage monoblock pump."

The Patent ceased on the 18th August, 94 due to non-
payment of renewal fees within the prescribed time and the
ceasing of the patent was notified in the Gazette of India,
Part III, Section 2 dated the 16th September, 1995.

Any interested person may give notice of opposition to
the restoration by leaving a notice on Form 32 in duplicate,
with the Controller of Patents, The Patent Office, Nizam
Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4,
Acharya Jagadish Bose Road, Calcutta 700 020 on or before
the 30-11-1995 under Rule 69 of the Patents Rules, 1972. A
Written Statement, in triplicate setting out the nature of the
opponent's interest, the facts upon which he bases his case
and the relief he seeks, shall be filed with the notice or
within one month from the date of the notice.

Notice is hereby given that an application was made under
Section 60 of the Patents Act, 1970 for the restoration of
Patent No. 165750 granted to Gunnarshaug, Olav Johannes
for an invention relating to "roof structure for transparent
roofs and heating systems."

The Patent ceased on the 22nd Sept. 1994 due to non-
payment of renewal fees within the prescribed time and the
ceasing of the patent was notified in the Gazette of India,
Part III, Section 2 dated the 16th September, 1994.

Any interested person may give notice of opposition to
the restoration by leaving a notice on Form 32 in duplicate,
with the Controller of Patents, The Patent Office, Nizam
Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4,
Acharya Jagadish Bose Road, Calcutta 700 020 on or before
the 30-11-1995 under Rule 69 of the Patents Rules, 1972. A
Written Statement, in triplicate setting out the nature of the
opponent's interest, the facts upon which he bases his case
and the relief he seeks, shall be filed with the notice or
within one month from the date of the notice.

Notice is hereby given that an application was made under
Section 60 of the Patents Act, 1970 for the restoration of
Patent No. 168579 granted to Commodore-Amiga Inc. for
an invention relating to "audio channel system for outputting
an analog corresponding to a sound wave form in a personal
computer system."

The Patent ceased on the 5th April, 1995 due to non-
payment of renewal fees within the prescribed time and the

cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th September, 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 30-11-1995 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 170061 granted to Davy McKee (London) Ltd. for an invention relating to "a continuous process for the production of a substitution acid free dialkyl maleate from a feed stream."

The Patent ceased on the 31st July, 1994, due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th September, 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate, with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 30-11-1995 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

Notice is hereby given that an application was made under Section 60 of the Patents Act, 1970 for the restoration of Patent No. 172091 granted to Macchi Engenharia Biomedica Ltd. for an invention relating to "blood oxygenator."

The patent ceased on the 30th Sept., 94 due to non-payment of renewal fees within the prescribed time and the cessation of the patent was notified in the Gazette of India, Part III, Section 2 dated the 16th September, 1995.

Any interested person may give notice of opposition to the restoration by leaving a notice on Form 32 in duplicate with the Controller of Patents, The Patent Office, Nizam Palace 2nd M.S.O. Building, 5th, 6th & 7th Floor, 234/4, Acharya Jagadish Bose Road, Calcutta 700 020 on or before the 30-11-1995 under Rule 69 of the Patents Rules, 1972. A Written Statement, in triplicate setting out the nature of the opponents interest, the facts upon which he bases his case and the relief he seeks, shall be filed with the notice or within one month from the date of the notice.

OPPOSITION PROCEEDING U/S 25 (1)

An opposition has been entered by M/s. Research Designs & Standard Organisation, Ministry of Railways, Govt. of India to the grant of a patent on Application No. 174835 made by VOSSLOH WERKE GmbH.

PRINTED SPECIFICATION PUBLISHED

A limited number of printed copies of the undernoted specification are available for sale from the patent office, Calcutta, and its branches at Bombay, Madras and Delhi at two rupees per copy:—

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CESSATION OF PATENTS

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PATENT SEALED ON 01-09-95

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 174793*D 174794*D 174797* 174798 174810 174851 174858.

CAL-13, DEL-06, BOM-NIL, MAS-09.

*Patent shall be deemed to be endorsed with the words
 LICENCE OF RIGHT Under Section 87 of the Patents Act,
 1970 from the date of expiration of three years from the date
 of sealing.

D—DRUG PATENT, F—FOOD PATENT.

REGISTRATION OF DESIGNS

The following designs have been registered. They are not
 open to inspection for a period of two years from the date of
 registration except as provided for in Section 50 of the
 Design Act, 1911.

The date shown in the each entries is the date of the regis-
 tration included in the entries.

Class 1. No. 168575. Devinder Kumar Jain, Luxor Pen Com-
 pany 229, Okhla Industrial Estate, Phase III, New
 Delhi-110020, India "Eins Roller Ball Pen".
 January 2, 1995.

Class 1. No. 168576. Devinder Kumar Jain, Luxor Pen Com-
 pany, 229, Okhla Industrial Estates, Phase III, New
 Delhi-110020, India, "RM 3 metal ball point pen",
 January 2, 1995.

Class 3. No. 168787. Standipack Pvt. Ltd., Indian Com-
 pany of 25, Community Centre, Estate of Kailash,
 New Delhi-110065, India. "Pouch". February 7,
 1995.

Class 3. No. 168731. Noor Sales Corpn., Partnership Firm of
 203, Janjkar Street Bombay-400003, Maharashtra,
 India. "Weighing scale". February 2, 1995.

Class 3. No. 168431. Sarawati Containers Pvt. Ltd. of 201,
 Arjun Avenue, Opp : Samartheswar Mahadev, Nr.
 Law Garden, Ellisbridge, Ahmedabad-380006,
 Gujarat, India. "Storage Tank". November
 25, 1994.

Class 3. No. 169003. Canon Kabushiki Kaisha of 30-2, 3-
 Chome, Shimomaruko, Ohta-ku, Tokyo, Japan,
 Japanese Co. "Toner cartridge", April 7, 1995.

Class No. 168862. Motorola Inc of 1303, East Algonquin Rd.,
 Schaumburg, Illinois 60196, U.S.A "Electric Con-
 nector". February 28, 1995.

Class 10. No. 168607. Veekesy Rubber Industries, Near
 Steel Complex Ltd., Kolathara P.O., Calicut
 673655, Kerala, India. "Soles of hawai chappals".
 January 9, 1995.

Class 12. No. 168150. Radha Food Products (P) Ltd. of 3/
 3A/4 A.M. Ghosh Road, Subhas Uddan, Budge
 Budge, 24. Pgs(S), W.B., India. "Biscuit". Sep-
 tember 26, 1994.

R. A. ACHARYA
 Controller General of Patents Designs
 & Trade Marks

प्रबन्धक. भारत सरकार मद्रास, फरीदाबाद द्वारा मद्रास

एवं प्रकाशन नियंत्रक, दिल्ली द्वारा प्रकाशित, 1995

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